

20001104.qrp v01_n996.qrl.20001104

Date: Sat, 4 Nov 2000 19:03:07 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1996

QRP-L Digest 1996

Topics covered in this issue include:

- 1) [83097] MFJ Stability?
by "Coote, Jay" <JCoote@ci.arcadia.ca.us>
- 2) [83098] Re: FOX Re: Calling the Fox on his freq
by "Mike Yetsko" <myetsko@insydesw.com>
- 3) [83099] FoX - A time to Learn
by hamjoel@juno.com
- 4) [83100] Re: FOX Re: Calling the Fox on his freq
by Phil Wheeler <w7ox@earthlink.net>
- 5) [83101] Fox - Fox Hunt? or Hound Hunt?
by "Glenn Butzlaff" <gbutzlaff@voyager.net>
- 6) [83102] Re: Calling the Fox on his freq
by Richard Powell <ripowell@mpna.com>
- 7) [83103] E-Z RIT for anyone
by "Glenn Butzlaff" <gbutzlaff@voyager.net>
- 8) [83104] Re: Calling the Fox on his freq
by "w8diz" <w8diz@cinci.rr.com>
- 9) [83105] Goal for SS CW
by Larry S Cahoon <wd3p@juno.com>
- 10) [83106] testtesttesttest
by Goemans <jgoemans@facstaff.wisc.edu>
- 11) [83107] FOX - What the heck is a fox hunt anyway?
by Joe Smith <joe@joesmith.net>
- 12) [83108] NH--SS--Bulls
by Ed Lawson <elawson@lawson-philpot.com>
- 13) [83109] MFJ stability report, 6 meters
by Joe Smith <joe@joesmith.net>
- 14) [83110] [re]Yaesu 1000MP or Kenwood 870?
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 15) [83111] Re: Linux CW Programs??
by "Edwin Albert" <ted.albert@worldnet.att.net>
- 16) [83112] Open Windows
by muglesto@megsinet.net
- 17) [83113] My Embarrassment
by "James R. Duffey" <jamesd1@flash.net>
- 18) [83114] Propagation for Sweepstakes
by "James R. Duffey" <jamesd1@flash.net>
- 19) [83115] Re: My Embarrassment

- by Phil Wheeler <w7ox@earthlink.net>
- 20) [83116] Tortuga Mountain Green Chile Fox - November 7
by "James R. Duffey" <jamesd1@flash.net>
- 21) [83117] Help! Stuck Slug...
by John Farler <jfarler@mis.net>
- 22) [83118] re: Homebrew Receiver
by Fran Flynn <fflynn@together.net>
- 23) [83119] VK0MM on 30m -- I'm stunned!!!
by Adrian Weiss <aweiss@usd.edu>
- 24) [83120] [PROP] Weekend/SS
by "Paul Harden, NA5N" <na5n@rt66.com>
- 25) [83121] Re: My Embarrassment
by "Paul Harden, NA5N" <na5n@rt66.com>
- 26) [83122] SS Bulls
by "Bob Tellefsen" <n6wg@earthlink.net>
- 27) [83123] FOX -managment thought
by "Steven Weber" <kd1jv@moose.ncia.net>
- 28) [83124] Trade 10 meter AM Rig
by "Mike Duke" <k5xu@concentric.net>
- 29) [83125] Epiphyte-3 and Wire Gauges etc.
by "J. D. Spittle" <jds@vcn.bc.ca>
- 30) [83126] Re: My Embarrassment
by mugglesto@megsinet.net
- 31) [83127] Re: Instruments to measure QRP RF power. (long)
by "Ralf K. Buschner" <r_buschner@knuut.de>
- 32) [83128] Re: Instruments to measure QRP RF power. (long)
by "Graeme Zimmer" <gzimmer@bigpond.com>
- 33) [83129] Pcb software
by "Nico Vertriest" <nvcw@village.uunet.be>
- 34) [83130] Stable VFO design
by "Trevor Jacobs" <fxtech@earthlink.net>
- 35) [83131] Re: Stable VFO design
by "Trevor Jacobs" <fxtech@earthlink.net>
- 36) [83132] Re: CONTEST - QRP Bulls & ARRL-SS
by "Ron Polityka" <wb3aal@fast.net>
- 37) [83133] Re: FOX -managment thought
by "Karl F. Larsen" <k5di@zianet.com>
- 38) [83134] Running of the Bulls
by "Thom Durfee" <wi8w@arrl.net>
- 39) [83135] Re: VK0MM on 30m -- I'm stunned!!!
by Steve Yates <aa5tb@yahoo.com>
- 40) [83136] Re: Epiphyte-3 and Wire Gauges etc.
by "Mike WA8BXN" <hubby2k@hotmail.com>
- 41) [83137] re: Homebrew Receiver
by "Lau, Zack, W1VT" <zlau@arrl.org>
- 42) [83138] New bands for the K1: 80 and 17 meters
by Wayne Burdick <n6kr@elecraft.com>
- 43) [83139] F/S MFJ Items

by "Francis Callahan" <colcal@srv.net>
44) [83140] Meissner Signal Shifter transmitting PSK31 ?
by William Mabry <n4qa@juno.com>
45) [83141] crystal radio help
by "Dave Benham" <dodgeboy@mindspring.com>
46) [83142] Re: crystal radio help
by "George, W5YR" <w5yr@att.net>
47) [83143] Re: [re]Yaesu 1000MP or Kenwood 870
by Russ Carpenter <russ@natworld.com>
48) [83144] Re: crystal radio help
by "Chuck Carpenter" <w5usj@globeco.net>
49) [83145] Re: Meissner Signal Shifter transmitting PSK31 ?
by "George, W5YR" <w5yr@att.net>
50) [83146] Re: crystal radio help
by "James Parsons" <res075cz@gte.net>
51) [83147] Re: crystal radio help
by "George, W5YR" <w5yr@att.net>
52) [83148] FS-HW-8
by Don Minkoff <cowchip@mediaone.net>
53) [83149] Plastic enclosure for PSK-80?
by "Bruce Prior" <n7rr@hotmail.com>
54) [83150] Contest: SS Bull Frequencies
by Brian Kassel <bkassel@dancris.com>
55) [83151] FOX - Team Results -
by Bruce Rattray <rattray@gpfn.sk.ca>
56) [83152] Re: Plastic enclosure for PSK-80?
by "Dave Benson" <nn1g@earthlink.net>
57) [83153] Re: Meissner Signal Shifter transmitting PSK31 ?
by n4qa@juno.com
58) [83154] 30M QRP Freq.
by "James Parsons" <res075cz@gte.net>
59) [83155] Re: 30M QRP Freq.
by Doug <doug@ycsi.net>
60) [83156] RE: 30M QRP Freq.
by "Coote, Jay" <JCoote@ci.arcadia.ca.us>
61) [83157] Re: 30M QRP Freq.
by "James Parsons" <res075cz@gte.net>
62) [83158] Re: crystal radio help
by Dean W Manley <kh6b@juno.com>
63) [83159] Re: crystal radio help
by "KC1FB" <kc1fb@optonline.net>
64) [83160] SS
by "Mike Duke" <k5xu@concentric.net>
65) [83161] Re: Meissner Signal Shifter transmitting PSK31 ?
by "John Moriarity" <k6qq@hdo.net>
66) [83162] SS Break: Japanese Cuisine
by "K7FD-N7SG" <cqdx@teleport.com>
67) [83163] Re: crystal radio help

by "Dan W. Dooley" <dandooley@pipeline.com>
68) [83164] Re: Meissner Signal Shifter transmitting PSK31 ?
by "Karl F. Larsen" <k5di@zianet.com>
69) [83165] RE: 30M QRP Freq.
by "Andreas Junge" <andreas@opengrid.com>
70) [83166] Re: ZM-2 problem
by Clay N4AOX <wyn@worldnet.att.net>

Date: Fri, 3 Nov 2000 16:15:08 -0800
From: "Coote, Jay" <JCoote@ci.arcadia.ca.us>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [83097] MFJ Stability?
Message-ID: <131CE266CAD0D211B3550008C7C9A2D51CBE44@arcadia-pd1.arcadiapd.com>
MIME-Version: 1.0
Content-Type: text/plain

Hello List,
Can anyone report on the VFO stability of the MFJ SSB and CW
transcievers, especially the 28, 50 and 144 MHz versions?
Thanks,
Jay W6CJ

Date: Fri, 3 Nov 2000 19:21:55 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <k5di@zianet.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [83098] Re: FOX Re: Calling the Fox on his freq
Message-ID: <011201c045f5\$455cfd40\$0600a8c0@dad>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> I'm not talking about 30 year old outboard vfo's! There are people still
> using crystal set receivers and have 2 crystals for 40 meters. But they
> will seldom work a Fox. My 12 year old ts-140 has 2 vfo's in software and
> are super easy to use. You can get a ts-140 for less than a k2 kit.

Yeah, I know...

With the Swan changing some of the switches are like
throwing tracks in a rail road yard!

For YEARS I have coveted a TS-120SV or

TS-120V greatly, but never ran into one. Then my desire switched to the TS-130V. And finally the rumored to exist only in Japan TS-140V. But never ever ran into one, at least, not when I had any money. Then finally ran into TS-130V, but was broke, and it went quick. So I tried to MAKE sure I'd have the money next time. And then the K2 came along...

Mike

Date: Fri, 3 Nov 2000 19:27:22 -0500
From: hamjoel@juno.com
To: qrp-l@lehigh.edu
Subject: [83099] FoX - A time to Learn
Message-ID: <20001103.192930.-312851.4.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

may high y'all

On this fox thingY.. iffin u treat the fox hunt like a radio what u is building, everything gonna turn out right even iffin it don't...like... u use right or left handed solder? or call the fox above or below his freq... or "write on" as they say....

U kneaux whatever it is what u learned from the fox so far... u can take with u into the SS this weekend... now in the SS u really wanna get it right iffin u can, cause these guys gonna probably take SS meaux serous... While the Fox Hunt is a place to enjoy and learn...

So far, the difference is only about 4 contacts different between operating techniques... such as split or close to the op freq operating....

and the extra call sign insertion makes it meaux easier... I like the split myselfs... but then that matches my personality.... hee hee....

Me thinks the # of contacts don't really mount to a "bill of heans" as conditions can cut that down next to nuttin... It be a chance to got ourselves together and maybe learn sumthin and shoot at a fox.... and brag on how well we did or didn't do...

It be a fun thing, nuttin life threatening... and lots of work to them what put it all together... I can tell u.... sumthin this classy done take some work to run smooth like this...

An't nuttin or nobody perfect, 'specially me... so enjoy ur imperfection and chase a fox and be open to learn a thingy or three...

KE1LA JOEL
IN MAINE
"THE PERFECT PLACE TO BE" :-)
'CEPT FOR THE COLD

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 03 Nov 2000 16:42:35 -0800
From: Phil Wheeler <w7ox@earthlink.net>
To: myetsko@insydesw.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [83100] Re: FOX Re: Calling the Fox on his freq
Message-ID: <3A035B7B.8DF08C7E@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mike Yetsko wrote:

>
>
> With the Swan changing some of the switches are like
> throwing tracks in a rail road yard!
>

Great line, Mike!

Date: Fri, 3 Nov 2000 18:51:52 -0800
From: "Glenn Butzlaff" <gbutzlaff@voyager.net>
To: <qrp-l@Lehigh.EDU>
Subject: [83101] Fox - Fox Hunt? or Hound Hunt?
Message-ID: <003f01c0460a\$3067cc20\$3f49cfa9@biff>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just started thinkink about this; if the fox listens around for the hounds
call, is the fox hunting the hound? Too much time on my hands. Many thanks

to Doc for the pelt and for sticking his head out where I could get him first. My wife was happy too because I was able to return to the family circle in time for tooth brushing supervision for the minor brood.

73 de Glenn, WE9K

Date: Fri, 3 Nov 2000 20:15:15 -0500
From: Richard Powell <ripowell@mpna.com>
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Subject: [83102] Re: Calling the Fox on his freq
Message-ID: <01C045D2.C82069B0.ripowell@mpna.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

i sure wish my rig had RIT!!!!
great job doc! you were 53 to 57 all hunt!
72 & oo's
/rick

-
A tout le monde, A tous mes amis, Je vous aime, Je dois partir
Richard Powell, WB6JBM, TENTEN 13044, QRP-L 1118,
FPQRP-2, QRP-ARCI 10414
Senior Network Engineer, Belcan IT Division
MCSE, CNA.
ripowell@mpna.com <http://www.mpna.com/ripowell>
ICQ 39245532

Date: Fri, 3 Nov 2000 19:31:00 -0800
From: "Glenn Butzlaff" <gbutzlaff@voyager.net>
To: <qrp-1@Lehigh.EDU>
Subject: [83103] E-Z RIT for anyone
Message-ID: <009001c0460f\$a7e60fa0\$3f49cfa9@biff>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

With RIT and frequency offset enjoying the limelight right now, I thought I would share my E-Z RIT idea with everyone. My RIT does not require any messy

soldering, no searching for obscure value components or pulling that(those) board(s) to make modifications. Simply pop the top on that rig, look for the VFO and start poking around with your finger or a nice metallic tool, while listening to the receiver. When you hear the frequency change, make a note of the component and voila!, E-Z RIT. Still in the works; adding additional fingers for greater offset. Maybe a whole hand for those huge splits the DX ops like to use. Of course, I would be remiss if I didnt offer this caveat; you could shorten the life of your rig if you aren't careful where you probe, and nearly as important, you could harm yourself!

73 de Glenn, WE9K

Date: Fri, 3 Nov 2000 20:38:25 -0500
From: "w8diz" <w8diz@cinci.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [83104] Re: Calling the Fox on his freq
Message-ID: <00e301c045ff\$ed236230\$cb171d18@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I PROMISE....

My next FOX qso will be with a newly designed and novel RIT circuit :-(
multiPIG ECO #1 - fool proof RIT

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W
SOC-8 DLQRPAG-1454 ARCI-10226 ARS-781 QRPL-1998 10X-9389 CATT-26
FPqrp#-1 <http://home.cinci.rr.com/w8diz> [AOL-IM "w8diz"]

Date: Sat, 4 Nov 2000 01:50:58 +0000
From: Larry S Cahoon <wd3p@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [83105] Goal for SS CW
Message-ID: <20001104.015103.-497531.0.wd3p@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I sat down today and tried to figure out my goals for Sweepstakes this year. Last year I put in 400+ QSOs and didn't come out with any paper. The QRP category seems to be a bit competitive here in MDC for a amount of effort I'm willing and able to put into the contest. My goals this year are not conducive to improving on last years score, but I thought I'd share them with the group.

1. Have Fun
2. WAS at 250 mWatts - Need 9 States
3. WAS at 100 mWatts - Need 12 States
4. WAS at 10,000 miles per watt - Need 18 States
5. Fill in some holes in the 5BWAS QRP
6. Work some new counties QRP
7. Work some new counties QRPP
8. Sleep
9. Have Fun

I'd add a tenth - Beat Ed's record for miles per watt for Sweepstakes, but I can't remember what he said his record was.

In the end I may just get caught up in the contest - it is so much fun - and end up going for the score and forgetting all these goals. I'll see how it goes. Oh and I almost forgot - get the 100 QSO pin.

73 de Larry.....WD3P in MDC
<http://www.qsl.net/wd3p>

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 03 Nov 2000 20:07:50 -0600
From: Goemans <jgoemans@facstaff.wisc.edu>
To: qrp-1@lehigh.edu
Subject: [83106] testtesttesttest
Message-ID: <3.0.2.32.20001103200750.006a6a98@facstaff.wisc.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi!

Just testing They ain't coming thru!!!

Paul Goemans WA9PWP
1508 Sundt Lane
Stoughton, Wi 53589

wa9pwp@arrl.net

Date: Fri, 3 Nov 2000 20:09:53 -0600 (CST)
From: Joe Smith <joe@joesmith.net>
To: qrp-l@lehigh.edu
Subject: [83107] FOX - What the heck is a fox hunt anyway?
Message-ID: <Pine.LNX.4.10.10011032003020.19417-100000@nikola.joesmith.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have been reading all this dialog about how to hunt a fox and it seems to me a true fox hunt would be where the fox moves around his frequency on a regular basis. You know, send out a cq or two, maybe work a hound that found him, then qsy to another freq and go again. It seems like posting an exact frequency on a list, and then saying I'll be listening up 1 is not much of a hunt.

I remember last year I was out mobile one night, I stopped in this parking lot to hammer away at the fox. Must have tried 30 times. Then some horrid ssb noise came in there and the fox disappeared! Well he qsy'ed up a couple and I found him first because I got him first try on the new frequency. Now that was fun!

Oh well, my 2 dits. Love them fox hunts anyway I can get 'em...

72, W0JOE

(waiting for a K1 to get here!!!)

"I'm going to live forever, or die trying"

Date: Fri, 3 Nov 2000 21:28:07 -0500
From: Ed Lawson <elawson@lawson-philpot.com>

To: qrp-l@lehigh.edu
Subject: [83108] NH--SS--Bulls
Message-ID: <20001103212807.B527@server4>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1

I see there is no NH Bull and I cannot operate the requisit hours.
However, I would like to earn a pin and will be on Sat nite and Sunday
on the usual QRP hangouts in the 15,20, and 40M bands.
Hope to hear you and QRS please.

Ed Lawson

K1VP
NH

Date: Fri, 3 Nov 2000 20:33:46 -0600 (CST)
From: Joe Smith <joey@joesmith.net>
To: qrp-l@lehigh.edu
Subject: [83109] MFJ stability report, 6 meters
Message-ID: <Pine.LNX.4.10.10011032027420.19417-100000@nikola.joesmith.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

We had one of those MFJ 6 meter radios at field day this year, the
stability is very good from what I could tell. Can't give you a field
measured ppm figure, but I didn't notice any drift.

72, W0JOE

"I'm going to live forever, or die trying"

Date: Fri, 3 Nov 2000 21:35:47 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [83110] [re]Yaesu 1000MP or Kenwood 870?
Message-ID: <200011032136_MC2-B997-92C@compuserve.com>
MIME-Version: 1.0

Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Gang:

Keep those opinions coming my way. I really solicit your honest opinion.=
=

Gotta say it--so far 100% say go with the Yaesu 1000MP :-).

72/73,

--W.D. (Doc) Lindsey
DSBF
PO Box 6028
Bismarck, ND 58506
(Shipping =3D DSBF, 2020 Lovett Ave, Bismarck, ND, 58504)
E-Mail =3D K0EVZ@arrl.net

Date: Fri, 3 Nov 2000 21:35:07 -0500
From: "Edwin Albert" <ted.albert@worldnet.att.net>
To: <schoon@amgt.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [83111] Re: Linux CW Programs??
Message-ID: <002201c04608\$439206a0\$18b0540c@fpfzqlga>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Mark,

Try twcw at the following location:
<ftp://sunsite.unc.edu/pub/Linux/apps/ham/morse/> . It has the features you
are looking for. I built the latest release on my Slackware 7.1 system a few
days ago. The program uses the sound card as a keying monitor and that
function works. I haven't had a chance yet to try keying my transceiver via
a com port.

The author of the program is Ted Williams, who wrote the GUI for psk31,
twpsk-1.1.

73 de Ted, AB8FJ

----- Original Message -----
From: <schoon@amgt.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Friday, November 03, 2000 4:50 PM
Subject: Linux CW Programs??

> Good Afternoon!
>
> On the heels of SS, I am in the process of setting up a home station
> after nearly a 15 year absence! I've scoured high and low looking for CW
> programs for Linux. I've found a few practice programs, but I'm looking
> for memory keyer type software. The idea is to feed it a text file and
> it will send it out, as well as using the keyboard. Any ideas??
>
> Thanks!
>
> 72
>
> .mark
>

Date: Fri, 3 Nov 2000 15:58:56 -0700 (MST)
From: mugglesto@megsinet.net
To: qrp-1 <qrp-1@lehigh.edu>
Subject: [83112] Open Windows
Message-ID: <Pine.LNX.4.10.10011031557030.26624-100000@mugleston.mugs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

If you have the opportunity to go to Washington DC the Marriott at Metro Center has windows that open and no screens - just right for hanging that 30 meter long wire out the window.

de KI00T, Brad

Date: Fri, 03 Nov 2000 21:13:02 -0700
From: "James R. Duffey" <jamesd1@flash.net>
To: qrp-1 <qrp-1@lehigh.edu>
Subject: [83113] My Embarrassment
Message-ID: <B628DADE.3439%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Sometimes the internet is too powerful.

You may remember my recent post on the QRP content of the November QST and my accomppnying comments that my book buyer could not locate a copy of the book reviewed. Well I got a half dozen replies from people who had bought a copy and pointed out several sources for me to find it.

Here the trouble starts.

I am married to my book buyer, Ginger. Many of you know her. She works as a buyer in a large independent bookstore here in Albuquerque. I showed the Amazon.com page to her and she looked sheepish. After pressing her as to why she couldn't find it in "Books in Print" and Amazon.com I realized that I had done something wrong.

The reason she couldn't find it in "Books in Print" and "Amazon.com" is that the store had it in stock and she had already bought a copy for me as a Christmas Present!

Now I also told her that I had made the post to QRP-L and had the numerous replies. She was embarrassed by this, as a number of people know she is the book buyer I was referring to the and she is afraid that they will think she is unable to do simple things like locate a book. So I apologize to her as well. And I suppose I should apologize to the world in general.

I am the complete idiot, not her.

It is a dandy book and includes a copy of PUFF, a program for microwave. circuit design.

Now I need to get some sleep for Sweepstakes.

--

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Fri, 03 Nov 2000 21:20:22 -0700
From: "James R. Duffey" <jamesd1@flash.net>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [83114] Propagaton for Sweepstakes
Message-ID: <B628DC96.343A%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

The propagation numbers for Sweepstakes look very good. This excerpt from the latest propagation bulletin:

IV. Penticton 10.7 cm Flux

Observed 02 Nov 196
Predicted 03 Nov-05 Nov 200/200/195
90 Day Mean 02 Nov 172

V. Geomagnetic A Indices

Observed Afr/Ap 01 Nov 004/006
Estimated Afr/Ap 02 Nov 005/008
Predicted Afr/Ap 03 Nov-05 Nov 008/010-020/020-015/015

The solar flux for November 4 and 5 as well as the 90 day mean portend very good conditions on 10 m! The A indices means that noise and absorption should be low. 20 M should be open late into the evening. Good QRP conditions!!

Look for me. As a bull I will try to spend at least half my time calling CQ, probably on the highest frequency open.

--

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Fri, 03 Nov 2000 20:22:16 -0800
From: Phil Wheeler <w7ox@earthlink.net>
To: jamesd1@flash.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [83115] Re: My Embarrassment
Message-ID: <3A038EF8.F658B877@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

"Worst nightmares realized" catagory!

"James R. Duffey" wrote:

>

> Sometimes the internet is too powerful.

>

> You may remember my recent post on the QRP content of the November QST and
> my accomppnying comments that my book buyer could not locate a copy of the
> book reviewed. Well I got a half dozen replies from people who had bought a

> copy and pointed out several sources for me to find it.
>
> Here the trouble starts.
>
> I am married to my book buyer, Ginger. Many of you know her. She works as a
> buyer in a large independent bookstore here in Albuquerque. I showed the
> Amazon.com page to her and she looked sheepish. After pressing her as to why
> she couldn't find it in "Books in Print" and Amazon.com I realized that I
> had done something wrong.
>
> The reason she couldn't find it in "Books in Print" and "Amazon.com" is that
> the store had it in stock and she had already bought a copy for me as a
> Christmas Present!
>
> Now I also told her that I had made the post to QRP-L and had the numerous
> replies. She was embarrassed by this, as a number of people know she is the
> book buyer I was referring to the and she is afraid that they will think she
> is unable to do simple things like locate a book. So I apologize to her as
> well. And I suppose I should apologize to the world in general.
>
> I am the complete idiot, not her.
>
> It is a dandy book and includes a copy of PUFF, a program for microwave.
> circuit design.
>
> Now I need to get some sleep for Sweepstakes.
> --
> James R. Duffey KK6MC/5
> 30 Casa Loma Road
> Cedar Crest, NM 87008

Date: Fri, 03 Nov 2000 21:34:38 -0700
From: "James R. Duffey" <jamesd1@flash.net>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [83116] Tortuga Mountain Green Chile Fox - November 7
Message-ID: <B628DFEE.343C%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

The latest 27 day propagation outlook predicts good conditions for my turn
as a FOX, November 7:

UT	Radio Flux	Planetary	Largest
# Date	10.7 cm	A Index	Kp Index

2000 Nov 08

165

12

3

I will probably start slightly below 7040 kHz. I will work stations with a small offset; you can call this split or RIT. I estimate that I will work stations 300 to 750 kHz higher than I am, with occasional excursions below my frequency to make things interesting. I won't work stations on my frequency unless the pileup has thinned out substantially.

I will use the call before, report, call after technique as that seems to negate the difficulties caused by those who don't know when to keep their keys open.

I will use my TS850, a delta loop up 35 feet, a Timewave DSP9 audio filter, and Koss Pro 4A headphones. My Negro Modelo Filter will reduce the effects of those who call out of turn, call on top of others reports, try to work me twice, and call on my frequency.

As per the rules, no changes in the log will be made other than to correct typographic errors made in transcribing the log from my log to e-mail. At least that is the official line.

The game is afoot!! - Dr. Megacycle KK6MC/5

--

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Fri, 03 Nov 2000 23:37:27 -0500
From: John Farler <jfarler@mis.net>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [83117] Help! Stuck Slug...
Message-ID: <3A039287.FA85EAC9@mis.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I just finished an MFJ CUB for 15 meters, thinking this weekend might be a good time to see if I can snatch a qso or two on that band with qrp. Everything seems up to par, except that one of the slugs in the receiver band-pass filter, L2 to be exact, is stuck and won't turn from its original position, which appears to be at the top of the can.

The appropriate hex shaped tool turns the others fine, but won't budge this one. I guess I forced the issue and now it slips. The tool, not the slug, which isn't broken. Should have put this query out before putting the muscle to it, I suppose.

Anyhow, anyone got a suggestion of how to loosen it? I'm thinking of WD-40 (fixes everything doesn't it?) or a fine silicon based gun oil?? A little heat or a little cooling?? I don't mind if I have to get a replacement for the coil later, but would like to be able to work the rig over the contest weekend and don't think I will hear much with it not peaked, even if the band does cooperate.

Anyone have a solution on a late Fri. night or Sat. morning?? Thanks in advance.....

John Farler
K4AVX
Hazard, Ky.
jfarler@mis.net

Date: Fri, 03 Nov 2000 23:37:22 -0500
From: Fran Flynn <fflynn@together.net>
To: tdufres@hotmail.com, qrp-l Discussion <qrp-l@Lehigh.EDU>
Subject: [83118] re: Homebrew Receiver
Message-ID: <3A039282.2B9DCC20@together.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

.001FT - .001 microfarad feed through capacitor, which you really don't need. A feedthrough cap is a way of passing a wire through a piece of shielding material and bypassing RF to ground at the same time. If you just used a .001 ceramic cap, actually the value doesn't matter that much, from the 12 volts to ground that'll do just fine. You could even just leave it out.

If you really think you want to use a feed through, keep an eye open at the next few hamfests. But, you can do without it.

FL1 refers to the entire filter network of L1, L2, C2, C3 and C1.
It's just a bandpass filter for the input RF.

Table 3 gives you values for the filter components. The filter
is different depending on if you are building it for 40 or 80 mtrs.

I am looking at page 8-29 and 8-30 of the 1981 handbook, which I assume
is the same.

Most of the parts should be easy to find, except maybe the variable
capacitors.

Don't be afraid to improvise a little. You don't have to replicate
the project as described in the book to the Nth detail to still build
a working radio.

>>>>>Gang: My "Lil 7" AM Transmitter fell thru (parts unavailable) so I am
looking at another project. Found a neat simple direct-conversion
receiver

("A Simple Receiver for Beginners"-1980 ARRL Handbook). Some questions.

1) References are made to "FL1" Whats that? Frequency limiter? What does
it
do?

2) There's something that goes from what looks to be the VFO "shield
box"

to/from(?) the hot (+13v) power. Its' called "0.001 FT"

Looking.. looking... Hmm Whats that!?!?!?

Love these older ARRL handbooks. It makes me feel like I am getting an
education in radio from the "beginning"...

Thanks in advance...

Tom

<<<<<<

Date: Fri, 3 Nov 2000 23:19:08 -0600 (CST)

From: Adrian Weiss <aweiss@usd.edu>

To: qrp-l@lehigh.edu

Subject: [83119] VK0MM on 30m -- I'm stunned!!!

Message-ID: <Pine.SOL.4.03.10011032311130.8922-100000@sunburst.usd.edu>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Unbelievable!!! Big pile-up around 10109 -- slid down
a couple kc. to find out who -- farther down to 10103.4
and there was VK0MM. I GOT HIM ON THE FIRST CALL!!!

Boy, this happend many times, but every time I sit here stunned trying to figure out "HOW?"

He's still running now (0515). Check the 10109 area +/- 1kc and listen for someone who is sending exchange. Zero on that stn and call there.

He's a good 569 in SD.

Incredible....

30m has been perking. I've worked HB0/HA0HW (2x), /HA4DX, and HA4HG this past few nights. Lastnight Laci HA4HW was peaking 57/89 here and it was a snap. 4K9C also 579 (10/31) and another snap. Worked K5K twice just to make sure that I got into the log. R1ANZ, CT3AS, FM5WD, 9H1Za and other assorted stuff. I've been hearing some QRP'ers in there making QSO's so give it a shot! 30m started late this aft at ~2100Z -- zenith angle going pretty low even tho daylight still. 30m was nowhere this good last year.

How's it possible I keep saying. This is SD with a G5RV up 50-ft and 4w.

72, Ade

Date: Fri, 3 Nov 2000 22:23:51 -0700 (MST)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-canada@lists.gpfn.sk.ca, qrp-l@lehigh.edu
Subject: [83120] [PROP] Weekend/SS
Message-ID: <Pine.SUN.4.10.10011032135560.3444-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

I almost hate to post this in fear that it might somehow jinx this weekend's SS conditions :-) The numbers were great last friday for the Zombie Shuffle, and many of us know it was a ghoulng experience.

But ... things do look quite good for this weekend as well, whether you want to do some general DX/ragchewing (use the WARC bands!) or participate in the November CW sweepstakes.

Friday's solar flux index was 199 and it will flirt around the 200 mark all weekend. This is MORE THAN SUFFICIENT FOR 10M PROPAGATION. For those of you complaining that this solar cycle has somehow trashed 10M, give it a listen this weekend during the SS and you'll be convinced the 10M problem is lack of activity, not propagation, when you hear it tomorrow.

SO ... 10 and 15M will be great bands to use during daylight hours. 10M always crashes and burns right at sundown, but 15M will continue on into darkness. Both 15M and 20M will be good bands to work around local sundown for that "grey line" effect. This is an opportunity for your signals to travel more north-south and work into areas you won't normally reach.

Here's my suggestion for taking advantage of the "grey line":

Work 10M 1-2 hours before YOUR local sundown. With proper conditions, your signal will travel eastward where it can get caught in the earth's terminator (sundown shadow) and flow along it north-south. This is especially true for those in the Central, Mountain and Pacific time zones. A chance to get those signals to the NE and VE maritime areas. Remember, once it gets dusky to YOUR EAST ... 10M is shut down for them.

SHIFT TO 15M around your local sunset and work the grey line right over your head. This will enhance your chances of working to your north and south. When it gets fairly dark, signals will flow primarily east and west again.

WHEN YOU MILK OUT 15m ... SHIFT TO 20M. 20M should remain good well into the evening.

Of course the above is based primarily for those with dipoles and verticals. Obviously if you have a beam, you can squirt your signals to these areas without depending on the earth shadow to bend things for you :-)

40M should be decent ON SATURDAY from late afternoon throughout the night. Mid-day Sunday, the shockwave from a CME is expected that could trigger a minor geomagnetic storm with worse condition in VE land. However, it should be short lived and nothing severe. NOAA is predicting the A-index only in the 20's. By Sunday evening, the effects on 40M should pretty much be gone.

If you don't want to do SS but have some nice DX QSO's ... by all means exploit 30M. First, conditions should be great for DX on 30M, plus during a contest, it often brings out some rare DX stations avoiding all the congestion on the other bands.

GL to all, whether contesting with the SS or just getting on the air.
Conditions look quite favorable for all.

Remember, a few hours on the air this weekend is a few hours saved from watching Presidential campaign ads! (You DX QRP-L subscribers have no idea how bad it is ... a campaign commercial every few minutes. Well past the saturation point of human endurance!)

72, Paul NA5N

On Thu, 2 Nov 2000, Space Environment Center wrote:

> Joint USAF/NOAA Report of Solar and Geophysical Activity
> SDF Number 307 Issued at 2200Z on 02 Nov 2000

> IA. Analysis of Solar Active Regions and Activity from 01/2100Z
> to 02/2100Z: Solar activity was low.

> IB. Solar Activity Forecast: Solar activity is expected to be low
> to moderate.

Even if a fairly large flare (M-class) occurs tomorrow, it will cause some enhanced noise and those famous Type II sweeps (sounds like ignition noise), but only for the duration of the flare event, usually 30 minutes or so.

> IIB. Geophysical Activity Forecast: The geomagnetic field is
> expected to be quiet to unsettled the first day. Due to the
> expected arrival of the earth-directed full halo CME mentioned
> above, active conditions are expected on the second day of the
> period. Minor storm levels are possible in the higher latitudes.

> IV. Penticton 10.7 cm Flux
> Observed 02 Nov 196
> Predicted 03 Nov-05 Nov 200/200/195
> 90 Day Mean 02 Nov 172

> V. Geomagnetic A Indices
> Observed Afr/Ap 01 Nov 004/006
> Estimated Afr/Ap 02 Nov 005/008
> Predicted Afr/Ap 03 Nov-05 Nov 008/010-020/020-015/015
 ^^^ ^^^ ^^^
 SAT SUN MON

Date: Fri, 3 Nov 2000 22:42:03 -0700 (MST)

From: "Paul Harden, NA5N" <na5n@rt66.com>
To: "James R. Duffey" <jamesd1@flash.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [83121] Re: My Embarrassment
Message-ID: <Pine.SUN.4.10.10011032225300.3444-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 3 Nov 2000, James R. Duffey wrote:

> I am married to my book buyer, Ginger. Many of you know her.

Yes, Ginger is indeed a fine (and hopefully understanding) woman.

> The reason she couldn't find it in "Books in Print" and "Amazon.com" is that
> the store had it in stock and she had already bought a copy for me as a
> Christmas Present!

Ooops!

> Now I also told her that I had made the post to QRP-L

Double Ooops!

> and she is afraid that they will think she
> is unable to do simple things like locate a book. So I apologize to her as
> well. And I suppose I should apologize to the world in general.
>
> I am the complete idiot, not her.

Jim,

Just simply explain that not only are you an idiot, but a mere worthless
membrane in the order of things compared to her dynamic stature and
caring for your self-indulgent radio shortcomings. Eat crow, buddy.

And if it works, you owe me a beer my next visit to Albuquerque!

Seriously, tell Ginger that the majority of guys on QRP-L who have now
read BOTH of your posts are envious that you have a wife who cares
enough about your radio hobby and interests that she actually gets you
a related gift. Heck, I'm impressed just by the fact that she's
already doing her xmas shopping. Two months ahead of me!

72, Paul NA5N

PS - Is this off-topic? Seems very related to me -hi.

Date: Fri, 3 Nov 2000 22:14:23 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@Lehigh.EDU>
Subject: [83122] SS Bulls
Message-ID: <001701c04626\$7aa4dbe0\$c4fab3d1@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

N6WG will be working the SS for the first time, working on 40 cw.
My main goals are to earn the 100 contact pin and test my phased array.
I'll be working the upper fringe of any active area on the band.
If it's really active, I'll be toward the upper end.
If not much activity, like during the day, I'll be all over the
cw band, trying to drum up some business. Probably CQ a lot at those times.
Hope to hear a lot of Q stations.
73, and good luck to us all.
Bob N6WG

Date: Sat, 4 Nov 2000 01:47:43 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-1@lehigh.edu
Subject: [83123] FOX -managment thought
Message-ID: <200011040622.BAA01879@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Well, I've only worked one fox, back in the early days before things
got so out of hand..now days I don't even bother trying.

Todays Fox hunt is an exercise in pile-up managment, so why not
handle it like a DX pile-up and work call areas in sequence? The Fox
could start with their call area and then work outwards from there.
Work one call area for 10 minutes max then move on.

This would reduce the number of stations calling at once (hopefully),
the loudest local stations would be worked first to get them out of
the way and the weaker distant stations would have a chance. This
method could result in more stations being worked and over a greater
area.

Might be worth a shot for one of the Foxes to try and see what happens.

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Sat, 4 Nov 2000 00:38:14 -0500
From: "Mike Duke" <k5xu@concentric.net>
To: "qrp" <qrp-1@lehigh.edu>
Subject: [83124] Trade 10 meter AM Rig
Message-ID: <000b01c04621\$8daa7ec0\$1c320140@k5xu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have a Sharp 40 channel CB unit which was professionally converted to tune from 28.965 - 29.405 in the original 40 channel spacing.

Other than the conversion, the radio is not modified.

It's AM only, and has made me many qsos, some even mobile with short antennas.

I now have an HTX-10, so I will consider trading the Sharp.

I'm interested in mobile antennas such as the HamStick, or in smaller home station antennas which you may wish to trade.

(no homemade dipoles, please.)

Or, make me an offer from your collection.

72,

Date: Fri, 03 Nov 2000 22:48:19 -0800
From: "J. D. Spittle" <jds@vcn.bc.ca>
To: qrp-1@Lehigh.EDU
Subject: [83125] Epiphyte-3 and Wire Gauges etc.

Message-ID: <3.0.6.32.20001103224819.007a3a50@mail.vcn.bc.ca>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

For the vertically mounted inductors the wire should be heavy enough to hold it in position without cementing the core to the PC board - i.e. not less than #24g.

The trifilar winding on T1 must be flexible enough to allow it to be formed around the core. You can use #24g but it is easier to work with #26g. There are six connections to hold it in position so this is not a problem.

You can make both windings of T2 with #24g but unless you have an inductance meter you will be unable to distinguish between the primary and secondary when you go to install it. Why not use a piece of #22g insulated hook-up wire for the primary and #24g for the secondary?

WA8BXN writes:-

>....just rewound T2 & L10 with a little heavier wire, having melted the insulation off the original with a short from Q1's collector [sic] to the case.....I am adding a fuse across J1....

Mike: Did you not install a fuse in the power lead as per p. 4 of the Manual? This should have blown immediately without any damage to components. A fuse at J1 alone will afford you with no protection against a short circuit anywhere else on the board or against reversed polarity.

72 Derry VE7QK

Date: Fri, 3 Nov 2000 23:01:39 -0700 (MST)
From: muglesto@megsinet.net
To: "James R. Duffey" <jamesd1@flash.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [83126] Re: My Embarrassment
Message-ID: <Pine.LNX.4.10.10011032258060.27295-1000000@mugleston.mugs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

James, James, James:

You may want to spend some time taking your book buyer out to dinner and a movie this weekend. Maybe next year you can join in on SS.

Don't know how long you've been a married man but for those of you who are still single out there or just married - ask once and if your sure your better half got the message - drop it and pray you get what you asked for.

de KI00T, Brad

On Fri, 3 Nov 2000, James R. Duffey wrote:

> Sometimes the internet is too powerful.
>
> You may remember my recent post on the QRP content of the November QST and
> my accomppnying comments that my book buyer could not locate a copy of the
> book reviewed. Well I got a half dozen replies from people who had bought a
> copy and pointed out several sources for me to find it.
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> I am married to my book buyer, Ginger. Many of you know her. She works as a
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> Amazon.com page to her and she looked sheepish. After pressing her as to why
> she couldn't find it in "Books in Print" and Amazon.com I realized that I
> had done something wrong.
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> The reason she couldn't find it in "Books in Print" and "Amazon.com" is that
> the store had it in stock and she had already bought a copy for me as a
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> book buyer I was referring to the and she is afraid that they will think she
> is unable to do simple things like locate a book. So I apologize to her as
> well. And I suppose I should apologize to the world in general.
>
> I am the complete idiot, not her.
>
> It is a dandy book and includes a copy of PUFF, a program for microwave.
> circuit design.
>
> Now I need to get some sleep for Sweepstakes.
> --
> James R. Duffey KK6MC/5
> 30 Casa Loma Road
> Cedar Crest, NM 87008
>

Date: Sat, 4 Nov 2000 04:08:06 +0100 (CET)
From: "Ralf K. Buschner" <r_buschner@knuut.de>
To: Glen Leinweber <leinwebe@mcmail.cis.McMaster.CA>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [83127] Re: Instruments to measure QRP RF power. (long)
Message-ID: <Pine.LNX.4.21.0011040357100.3670-100000@dl5mhk.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi *.*,

On 3 Nov 2000, Glen Leinweber wrote:

> Bolometers using thermistors or thermocouples are
> appropriate too, but most are laboratory grade instruments
> too expensive for ham use. These fill in the area around
> a milliwatt where diode detectors aren't so good.

I have a hint: look at <http://www.dl-qrp-ag.de>, there is
a bolometer for qrp-price.
It's a resistor network as a dummy load, and a microminiature lamp,
and a (oh, whats the english word?) photodiode with a daylight filter,
which is connected to a 100 microamp meter.
So only the infrared part of the lamp is working.
Additional is a DIL-Switch, so you can switch the range from 2.5W over
5W and 7.5W up to 10W, and you have also a output connector with -20dB.
Two big advantages: You can adjust it with DC voltage, and you have the
effective power reading, not the peak.

Costs only a few bucks, AFAIR under US\$ 20 (without the meter).

cu, 73 de Ralf, dl5mhk

Date: Sat, 4 Nov 2000 20:09:14 +1100
From: "Graeme Zimmer" <gzimmer@bigpond.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [83128] Re: Instruments to measure QRP RF power. (long)
Message-ID: <00a801c0463e\$e9172a20\$3a5b868b@zims1aptop>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

for an accurate QRP power meter which covers
125uW to 150mW see the "Crawley Power Meter"
in Rad Com Jan & Feb 2000

also reprinted in WIA Amateur Radio Sept 2000

is a very neat cct which uses a mini globe in a bridge
with an op-amp to maintain balance

..... Zim VK3GJZ

Date: Sat, 4 Nov 2000 10:20:22 +0100
From: "Nico Vertriest" <nvcw@village.uunet.be>
To: "qrp-1" <qrp-1@LeHigh.edu>
Cc: "Doug Faunt N6TQS +1-510-655-8604" <faunt@netcom.com>
Subject: [83129] Pcb software
Message-ID: <006e01c04642\$783ca4c0\$e903bed4@immvu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Thanks to everyone who sent me replies to my question about pcb software.

I tried Circad and Ares Lite. Ares Lite has a 100 pin limit for the non-registered version. It is however cheap, Isis (circuit designer) and Ares Lite (pcb designer) together cost 30 . In Ares Lite it is not possible to import netlists from the circuit designer (even in the registered Lite version), which is a pity.

That's why I chose for Circad, a very complete package which hardly has any limits for a non-registered version.
And, the most important, it is easy to learn and use it.

73

Nico

Date: Sat, 4 Nov 2000 01:54:55 -0800
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [83130] Stable VFO design
Message-ID: <01a801c04645\$5cb61b20\$bf9ab2d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Everyone,

Well, I've been talking to a few of you about VFO's over the last few weeks. I finally got one running REAL stable tonight! I've got some plans in the works for a full featured Direct Digital Synthesized VFO based on the AD9835 and a Dallas 80C320 microcontroller, but wanted to conquer the analog beastly first. The VFO is the part that I've always had trouble making stable, but tonight I'm finally satisfied. It's got a great tone and about a 20 Hz up and down drift that I can live with. The drift happens over about an hours period, so it's pretty stable. I tried to use Varactor diodes in the design, but they are just too unstable, and contributed way too much to the drift. The oscillator is basically a Colpitts design and I used an old Hamerlund 50pF air variable for the tuning device. The air variables are so solid as far as drift goes! I wish they were more available! I got this one from a friend that picked it up in an estate auction. Once you shield them they don't drift at all. I used Panasonic NPO caps throughout the VFO other than bypass caps and the active device is a 2N4416 with the case grounded. The oscillator is followed by a lightly coupled MPF102 buffer and then a 2N2222 amp to get the desired output. This seems to work really well. I used a small cardboard box lined with tin foil to shield everything and it worked great. I'm going to build a box for this VFO out of single sided PCB stock next week, but the Box/Foil method seemed to work well enough to test it. BTW the swing is about 120 KHz! Man I feel good tonight! It's great when you finally get a project working. The coolest thing is that I didn't wind a single coil! The oscillator coil is a TOKO 10K type shielded coil Digi Key part number TK1414-ND. When I'm completely finished, I'll write up complete schematics with part numbers if anyone's interested. I'm going to try and add an RIT circuit over the next week and also a TX offset (about 700Hz). Take care everyone and melt some solder!

73

Trev

KG6CYN

Date: Sat, 4 Nov 2000 02:02:55 -0800
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: <fxtech@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [83131] Re: Stable VFO design
Message-ID: <01b401c04646\$679ef6a0\$bf9ab2d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

OOPS, didn't mention, it's for 40 Meters (7.025 - ~ 7.145 MHz). Take Care!

73

Trev

KG6CYN

----- Original Message -----

From: Trevor Jacobs <fxtech@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Saturday, November 04, 2000 1:54 AM
Subject: Stable VFO design

> Hi Everyone,
> Well, I've been talking to a few of you about VFO's over the last few
> weeks. I finally got one running REAL stable tonight! I've got some plans
in
> the works for a full featured Direct Digital Synthesized VFO based on the
> AD9835 and a Dallas 80C320 microcontroller, but wanted to conquer the
analog
> beast first. The VFO is the part that I've always had trouble making
> stable, but tonight I'm finally satisfied. It's got a great tone and about
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> 20 Hz up and down drift that I can live with. The drift happens over about
> an hours period, so it's pretty stable. I tried to use Varactor diodes in
> the design, but they are just too unstable, and contributed way too much to
> the drift. The oscillator is basically a Colpitts design and I used an old
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> from a friend that picked it up in an estate auction. Once you shield them
> they don't drift at all. I used Panasonic NPO caps throughout the VFO

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> schematics with part numbers if anyone's interested. I'm going to try and
> add an RIT circuit over the next week and also a TX offset (about 700Hz).
> Take care everyone and melt some solder!
>
> 73
> Trev
> KG6CYN
>
>

Date: Sat, 4 Nov 2000 05:58:55 -0500
From: "Ron Polityka" <wb3aal@fast.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>
Cc: ". Eastern PA QRP Club" <epaqrp-l@Lehigh.EDU>
Subject: [83132] Re: CONTEST - QRP Bulls & ARRL-SS
Message-ID: <004b01c0464e\$3ac5aa40\$5b0f5cd1@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well at 11:00 UTC I signed up to be the QRP Bull in EPA!!

See you in the contest.

72 & 73
Good DXing

Ron Polityka
de WB3AAL

wb3aal@fast.net

vvv Eastern Pennsylvania QRP Web Page vvv

<http://www.n3epa.org>

Eastern Pennsylvania QRP Club Call

N3EPA E-mail address: n3epa@fast.net

EPA QRP #1	ARRL Life Member
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal	Zombie #625
ARS # 380	HI QRP #153
VA QRP Society #45	MI QRP #1703
K2 sn1392	NJ QRP #179

Date: Sat, 4 Nov 2000 05:46:03 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Steven Weber <kd1jv@moose.ncia.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [83133] Re: FOX -managment thought
Message-ID: <Pine.LNX.4.10.10011040541200.796-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Steven, it is pretty bad because there are more hounds. You should try the Cub Fox Hunt because it has fewer hounds like the old days. I like the fox or dx station to announce where they are listening and do so. K50I did this when he was Fox and the number of Hounds on his frequency was far less than others this year. Combine this with calling by call areas and it might work better.

But it's something up to the Fox. I don't think rules about this will work.

On Sat, 4 Nov 2000, Steven Weber wrote:

> Well, I've only worked one fox, back in the early days before things
> got so out of hand..now days I don't even bother trying.
>
> Todays Fox hunt is an exercise in pile-up managment, so why not
> handle it like a DX pile-up and work call areas in sequence? The Fox
> could start with their call area and then work outwards from there.
> Work one call area for 10 minutes max then move on.
>

> This would reduce the number of stations calling at once (hopefully),
> the loudest local stations would be worked first to get them out of
> the way and the weaker distant stations would have a chance. This
> method could result in more stations being worked and over a greater
> area.
>
> Might be worth a shot for one of the Foxes to try and see what
> happens.
>
>
> 72,
> Steve, KD1JV in the white Mountains of New Hampshire
> "melt solder"
>
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sat, 4 Nov 2000 09:36:47 -0500
From: "Thom Durfee" <wi8w@arrl.net>
To: <qrp-l@lehigh.edu>
Subject: [83134] Running of the Bulls
Message-ID: <000f01c0466c\$a9780000\$ae0f1f40@bignet.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I will be one of the QRP Bulls in this weekend's ARRL CW Sweepstakes. I will begin operations at 2100 UTC Saturday and will continue for 24 hours.

I always work the highest band open and will work downward or upwards as bands open and close. I will begin on 10 meters if it is open, 15 meters when 10 closes etc., or when my rate starts to drop, I will drop to the next lowest band. I will primarily be search and pounce but will call CQ much more often than I normally would in a contest.

I can be found on any portion of the CW bands not just the QRP calling frequencies. I will use no special designation when calling CQ or with exchanges. My callsign (WI8W) will be the only indication that I am Running as a Bull.

I hope to work many of the Q stations this weekend

72

Thom Durfee WI8W
wi8w@arrl.net
<http://www.braarc.net>
QRP-ARCI #4015
QRP-L #1761
SOC #249
ARS #760
FP #165

Date: Sat, 4 Nov 2000 06:51:14 -0800 (PST)
From: Steve Yates <aa5tb@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [83135] Re: VK0MM on 30m -- I'm stunned!!!
Message-ID: <20001104145114.4940.qmail@web3001.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Congratulations Ade!

Yes, 30m has been great. I've been amazed at how strong the DX signals have been, often stronger than the stateside signals. Lately I've been using an inverted-vee dipole with the apex at 20' and have been working DX like crazy. I'd love to get this "cloud burner" up to some real elevation!

10m has been the band to be on during most of the day but those excellent conditions trickle on down throughout the night. I'm usually a late night operator and 30m has been producing more DX QSO's than 20m this year for me.

As I have posted in the past I've had several of those "on the first call" rare DX contacts with QRP and limited antennas and shake my head as to how I did it. The odds are against doing such thing. Of course it is this type of stuff that keeps us QRPers fired up.

=====

73,
Steve Yates - AA5TB

Fort Worth, TX - EM12gs
<http://www.geocities.com/aa5tb>
aa5tb@arrl.net

Do You Yahoo!?
Thousands of Stores. Millions of Products. All in one Place.
<http://shopping.yahoo.com/>

Date: Sat, 04 Nov 2000 15:11:11 GMT
From: "Mike WA8BXN" <hubby2k@hotmail.com>
To: jds@vcn.bc.ca
Cc: qrp-1@lehigh.edu
Subject: [83136] Re: Epiphyte-3 and Wire Gauges etc.
Message-ID: <F224efLJGWSa1aNEVJp000001a09@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>You can make both windings of T2 with #24g but unless you have an
>inductance meter you will be unable to distinguish between the primary and
>secondary when you go to install it.

"Magic Marker" or short pieces of insulation off insulated wire on the ends
of the first winding can be used to distinguish the windings.

>WA8BXN writes:-

I am adding a fuse across J1....
>

>Mike: Did you not install a fuse in the power lead as per p. 4 of the
>Manual? This should have blown immediately without any damage to
>components. A fuse at J1 alone will afford you with no protection against a
>short circuit anywhere else on the board or against reversed polarity.

There is a fuse in the line from the supply, but I guess it is a little too
big. Using different power sources also, so I decided to put a fuse in the
radio box. You are quite right, it doesn't protect all the circuitry, just
the part I have succeeded in warming up previously!

73 - Mike WA8BXN

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

Share information about yourself, create your own public profile at
<http://profiles.msn.com>.

Date: Sat, 4 Nov 2000 10:43:08 -0500
From: "Lau, Zack, W1VT" <zlau@arrl.org>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [83137] re: Homebrew Receiver
Message-ID: <125490A005E3D3118C9C00805FC743CC016B9B37@kahless.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

The need for a feedthrough capacitor depends on the level of performance desired. It isn't needed for very casual work.

But, many amateurs want their equipment to perform exceedingly well.

Feedthroughs are useful for bypassing power supply lines--RF signals picked up by wires can modulate a VFO. For example, a strong 1080 kHz AM signal may modulate a 7040 kHz VFO so that there are spurs on 5960 and 8120 kHz.. This may result in a DC receiver that is unusually susceptible to shortwave broadcast interference on 5960 and 8120 kHz, despite the use of a doubly balanced mixer.

Normally, spurs aren't as important on transmit--unless you like to receive while you transmit. Thus, for multi-transmitter FD work, it is quite helpful to start of with transmitters as clean as possible. A challenge for a clever designer is eliminating as many spurs as possible--it is possible for spurs on a crystal oscillator to be below -60 dBc.

I use feedthroughs by the 100s--I just bought 200 from Dan's and always keep an eye out bargains.

--Zack Lau W1VT

Date: Sat, 04 Nov 2000 07:51:30 -0700
From: Wayne Burdick <n6kr@elecraft.com>
To: qrp <qrp-1@lehigh.edu>, Elecraft <elecraft@qth.net>
Subject: [83138] New bands for the K1: 80 and 17 meters
Message-ID: <3A042270.5119C5C1@elecraft.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

We just completed testing of 80 and 17 meters for the K1, making a total of six bands now available (80, 40, 30, 20, 17, and 15 meters). The builder can select any combination of two bands. The same selections are available for additional two-band modules (model KFL1).

On 17 meters, the K1 covers approximately 18.050-18200 or 18.050-18130 MHz, depending on whether you select the larger or smaller VFO range. On 80 meters, the coverage is about 3.500-3.650 or 3.500-3.580 MHz. Power output on both bands is 5 watts or higher.

We're taking orders for these two new bands now, but you may want to check our web site for shipping status (est. 4-5 weeks).

73,
Wayne
N6KR
www.elecrafter.com

Date: Sat, 4 Nov 2000 09:00:05 -0700
From: "Francis Callahan" <colcal@srv.net>
To: <QRP-L@Lehigh.edu>
Subject: [83139] F/S MFJ Items
Message-ID: <000b01c04678\$4d0d21e0\$90de070c@callahan>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The MFJ 971 tuner is sold but the 9040 and 9020 transceivers are still available thanks Cak KF7ET contact off line at colcal@srv.net or 208 357 7431

Date: Sat, 4 Nov 2000 11:16:04 -0500 (EST)
From: William Mabry <n4qa@juno.com>
To: qrp-l@lehigh.edu
Subject: [83140] Meissner Signal Shifter transmitting PSK31 ?
Message-ID: <390028629.973354564974.JavaMail.root@web641-wra.mail.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi, gang.

While writing up a review on the Meissner Signal Shifter, model EX, (circa 1940's and ALL tube-type), over at eHam.net (QRP radios review section), it hit me like a ton of bricks.

One of the options which you could buy for your MSS, EX way back then was the model FMX, narrow-band PHASE MODULATOR (tube-type also, of course). This option was intended to allow transmission of Phase-Modulated phone, (somewhat compatible with true FM phone).

Well, I think I have found my first PSK31 transmitter... and it comes from the Nineteen-Forties !

Good grief... now I've gotta drag and bury a telephone line (for internet use) down to the barn and then up to the loft where my vintage gear lives. Will also have to carry a Windows PC up there...find an FMX(wanna use original equipment!) on eBay or somewhere... it NEVER ENDS! This is gonna be great ! Tube-type PSK31 ! Let's see... what to use for tube-type PSK31 receive... yes ! The Hammarlund SP-600-JX-26 ! And, BTW, both xmtr and rcvr will be xtal-controlled (with the ability to move around a bit)! Finally, the excuse(s) I've been looking for to jump into PSK31!

73-1,

Bill, N4QA

ps

Wonder if "they" make a tube-type PC...

Date: Sat, 4 Nov 2000 11:18:25 -0500
From: "Dave Benham" <dodgeboy@mindspring.com>
To: <qrp-1@Lehigh.EDU>
Subject: [83141] crystal radio help
Message-ID: <010301c0467a\$dca61440\$4cd479a5@hqa.chrysler.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This may be off topic... but it's pretty low power, too. ;^)

I have a friend who is looking for a real, old-fashioned type crystal radio like a lot of us had when we were little. He wants one with a galena and cat's whisker detector (I think I'm correct on that) not the more modern ones with solid state germanium diodes. This is to interest his son in radio. (it's probably really for him and he won't admit it -- hi)

Does anyone know where he might find one of these? It seems like I remember hearing about a crystal radio society once. Any ideas? I told him to do a

web search, but I thought I'd ask this great list too.

Thanks.

72/73,
Dave K8TRF

Date: Sat, 04 Nov 2000 10:22:18 -0600
From: "George, W5YR" <w5yr@att.net>
To: dodgeboy@mindspring.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [83142] Re: crystal radio help
Message-ID: <3A0437BA.32972382@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well, I don't know his motivation, but if he gets what he is asking for - always a dangerous situation in real life - then it will be interesting to see what he says after spending 30 minutes of poking and still not finding the "magic spot" on the galena. That is still a vivid memory of my first crystal set at age 9.

72/73, George W5YR - the Yellow Rose of Texas NETXQRP 6

Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

Dave Benham wrote:

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> cat's whisker detector (I think I'm correct on that) not the more modern
> ones with solid state germanium diodes. This is to interest his son in
> radio. (it's probably really for him and he won't admit it -- hi)

Date: Sat, 04 Nov 2000 08:21:09 -0800
From: Russ Carpenter <russ@natworld.com>
To: <qrp-l@lehigh.edu>

Subject: [83143] Re: [re]Yaesu 1000MP or Kenwood 870
Message-ID: <B6297774.5DF6%russ@natworld.com>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Hi Doc,

I've owned both radios. The 870 has the worst filters for CW I've ever encountered. Go with the 1000MP. (But be prepared for a really complicated radio. I forget how to use the darn thing constantly.)

Russ, AA7QU

Date: Sat, 04 Nov 2000 10:31:36 -0600
From: "Chuck Carpenter" <w5usj@globeco.net>
To: dodgeboy@mindspring.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [83144] Re: crystal radio help
Message-ID: <3.0.2.32.20001104103136.007bf100@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Dave,

Check this site out.

<http://www.midnightscience.com/>

Chuck Carpenter, Point, Rains Co., TX - EM22cv, RARA #3, NETXQRP #1
ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275

Date: Sat, 04 Nov 2000 10:32:51 -0600
From: "George, W5YR" <w5yr@att.net>
To: n4qa@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [83145] Re: Meissner Signal Shifter transmitting PSK31 ?
Message-ID: <3A043A33.F8A577F8@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Had one of those, Bill, and believe me, you don't want to use it in today's bands for anything! They weren't called "Signal Drifters" for nothing! They were barely usable for CW, much less the frequency-critical PSK31 mode.

I ran one barefoot in the late 40's just for fun, and even then it was barely acceptable in terms of drift, chirp when keyed, etc. I used it with a Sonar XE-10 NBFM adaptor and it worked fairly well, but even then, the drift and hum were intolerable. I even worked the old 11-meter band when it was a ham band shared with the diathermy machines!

And phase-modulation to produce FM is not anywhere near the same as the 180 deg phase shifting that PSK31 does. BTW, done properly, PM and FM are the same at the receiving end. Just like FSK and AFSK in RTTY.

So, hate to burst your balloon, but just enjoy looking at the EX and re-live the "good old days" which really weren't all that good.

Good posting . . .

72/73, George W5YR - the Yellow Rose of Texas NETXQRP 6

Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

William Mabry wrote:

>
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> 1940's and ALL tube-type), over at eHam.net (QRP radios review section), it
> hit me like a ton of bricks.
> One of the options which you could buy for your MSS, EX way back then was
> the model FMX, narrow-band PHASE MODULATOR (tube-type also, of course). This
> option was intended to allow transmission of Phase-Modulated phone,
> (somewhat compatible with true FM phone).
> Well, I think I have found my first PSK31 transmitter... and it comes from
> the Nineteen-Forties !

Date: Sat, 4 Nov 2000 10:46:10 -0600
From: "James Parsons" <res075cz@gte.net>
To: <w5yr@att.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [83146] Re: crystal radio help

Message-ID: <008001c0467e\$bcd25b20\$7c640304@dsl.vz.genuity.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

George, it was an old Philmore crystal set that got me started in radio back in 1938. I was 12 years old. Philmore used to advertise in the back of funny books in a Johnson & Johnson (I think) ad.

After playing with the Philmore set, I wanted to build my own crystal set. But I could not find galena. I went to the library and read that galena was lead sulphate. I reasoned in my 12 year old mind that solder was lead so all I needed was sulphur and mix them together and I would have galena.

I got a jar of sulphur for ten cents at a local drug store. I put a big pile of it on a pie tin along with a lot of solder. I then put all of that on our gas burner in the kitchen and turned the fire up high to make it good and hot.

I lived in a four family apartment. After the fire department evacuated everyone and opened all the windows in the complete complex, some choice words were directed at me. When the folks who lived there stopped coughing, they let me know they did not appreciate having a nutty kid living there. The trouble is, my family thought the same way.

It got worse when I got licensed and my key clicks got into all their radios.

Oh, well, I married the daughter of a ham (W5GX0-SK) in 1952 and she put up with this nutty man all these years. And, we have a son who is a ham and a grandson considering it.

And, I was not strung up by the neck as my original neighbors wanted to do....

James (Jim) Parsons, K5ROV USAF, Ret. Ham for 58 yrs.
k5rov@arrl.net QCWA, ARCI, Fists, ARRL, ARMS
EX: W1RLA, K5FBB, K4FEO, SVOWN (CRETE), SVOWN (RHODES),
DL4NC, DL4JP, KA2FC (JAPAN), KA2JP (JAPAN).
JOHN 3:16

----- Original Message -----

From: "George, W5YR" <w5yr@att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, November 04, 2000 10:22 AM
Subject: Re: crystal radio help

> Well, I don't know his motivation, but if he gets what he is asking for
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and
> > cat's whisker detector (I think I'm correct on that) not the more modern
> > ones with solid state germanium diodes. This is to interest his son in
> > radio. (it's probably really for him and he won't admit it -- hi)

Date: Sat, 04 Nov 2000 12:02:57 -0600
From: "George, W5YR" <w5yr@att.net>
To: James Parsons <k5rov@arrl.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [83147] Re: crystal radio help
Message-ID: <3A044F51.ED1F31D4@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jim, does that bring back memories!

I had a little reddish-colored Philmore just like you described with a pair of Acme headphones. My Dad put up a wire antenna for me and with luck I could always pull in the main two stations from Dallas about 65 air miles away. I was 9 at the time and totally amazed that such a thing would actually work without any "electricity."

My experiments were confined to the electrical side, so I stayed out of the kitchen.

72/73, George W5YR - the Yellow Rose of Texas NETXQRP 6

Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

James Parsons wrote:

>

> George, it was an old Philmore crystal set that got me started in radio back
> in 1938. I was 12 years old. Philmore used to advertise in the back of funny
> books in a Johnson & Johnson (I think) ad.

Date: Sat, 04 Nov 2000 10:09:47 -0800
From: Don Minkoff <cowchip@mediaone.net>
To: qrp-l@Lehigh.EDU
Subject: [83148] FS-HW-8
Message-ID: <3A0450EB.705F4ED2@mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

A friend of mine (Len-WB6LM0) has for sale a Heath HW-8. No mods with
manual. Needs an alignment. Condition is a 9. He is asking \$100.00.

Contact Len at c7659@aol.com. Work No. is 310-297-7411.
He also has an Icom IC-730 with matching power supply and hand mic.

--
Don Minkoff
NK6A

Date: Sat, 04 Nov 2000 18:16:43 GMT
From: "Bruce Prior" <n7rr@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [83149] Plastic enclosure for PSK-80?
Message-ID: <F60vvyo3DjFbUcOV1Eet0000a4ae@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Gang --

I found a cheap 6x4x2" ABS plastic project enclosure at RadioShack

(270-1806). It has an optional metal base. Am I likely to run into problems by installing the PSK-80 in such an unshielded enclosure? Thanks for your advice.

72, Bruce Prior N7RR in Blaine, WA

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Date: Sat, 04 Nov 2000 11:20:19 -0700
From: Brian Kassel <bkassel@dancris.com>
To: QRP-L <QRP-L@lehigh.edu>, azqrp <azqrp@extremezone.com>
Subject: [83150] Contest: SS Bull Frequencies
Message-ID: <3A045363.7416EE6@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gangue:

Jim, N0UR posted a message earlier about frequencies on which he will be calling CQ for the Running of the Bulls. I also, will be on the same range of frequencies as he listed. The usual QRP calling frequencies will probably be overrun with QRO stations. If you need AZ QRP, I will QSL 100% for all cards received IF YOU PROVIDE AN SASE. Here is the list which Jim posted:

It may be a good idea to have a spot to look for the "Bulls" and other qrp stations during SS.

Listen for me calling CQ between
28090-28100
21090-21100
Good luck on 20
7090-7100
3590-3600

I hope others will stop by and listen for me and other QRP SS stations. I will try and sit still and call CQ, but I have trouble sitting still.

I plan on operating the whole 24 hours.

Date: Sat, 4 Nov 2000 12:32:45 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>
Subject: [83151] FOX - Team Results -
Message-ID: <Pine.LNX.3.95.1001104115344.4110A-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

In memory of Joel, K1QM(SK) -

...Hunt #3 - KF4AR - Rick -

The Raiders of the Lost RF - 4
Mary - NA6E
Fred - VE3FAL
Rob - VE6JAZ
Earl - VA6RF
Bruce- VE5RC

The Big Dawgs - 9
ET - N1FN
Tom - N5TW *
Larry- WJ1R
Bill - K0MP
Bob - N6WG

The ScQRPions - 9
Floyd - NQ7X
Brian - K7RE
Conard- WS4S *
Chuck - K7QO
Bob - NK7M

The Flying Pigs #1 - 7
Diz - W8DIZ *
Rick - WB6JBM *
Dan - N8IE *
Brian- KB9BVN
Dave - KB5MHS

The Cheeseheads - 14
Brian - AE9K *
Jerry - N9AW *
Rick - NK9G
Lou - W9XU *
Jim - WA9TZE *

The Houston Hounds - 12
Bill - K5ZTY *
Bill - W5SB *
Terry- KQ5U
Dan - KK5LD *
Danny- WA50JE

The New England Hunt Club - 7
Joel - K1QM(SK)
John - K1JD *
Jim - KC1FB *
Aron - N10DL
John - KB1ENS *
Seab - AA1MY

The Swamp Rats - 10
Paul - K4FB *
Jack - K4BYF *
Pete - NV4V
Fred - W2XN *
Tom - N1TP *

The Buffalo Wings - 5
Mark - K2QO *

The Bayou City Brass Pounders - 12
Ed - K5VUU

Dave - AA2PF
Howard- K2UD
Bob - K2VNM
Scott - AC3A *

Bob - N5ET *
Henry - W5HNS *
OJ - K10J
Bruce - N1LN *

The Flying Pigs#2 - 3
Andy - N8MX
Kent - KB9VZS
Ron - N8VAR *
Kenn - KM7KEN
Andrew - AC7CF

The Fox Terrors - 11
Tim - K50I
Don - K5AAR *
Karl - K5DI
Dave - W0CH *
Doc - K0EVZ *

The Cajun Thunder - 5
Joel - KE1LA *
John - K5JS
Wayne - K5E0A *
Jim - N5IB
Tom - AC5JH

The Underdogs - 7
Dan - N4ROA *
Roy - AB7CE
Art - KB7WW
Glenn - WA7SPY
Ron - KI0II

The VA Hams + OLW - 1
Mike - KT4FJ
Doug - W4IDW
Skip - K0YWD
John - W4IM *
Paul - W2RIA

The NE-TX Tornados - 9
Bill - K5JHP *
Chuck - W5USJ
Don - K5DW
George- W5YR
Rich - N5JI

The Minnesota North Stars - 11
Mert - W0UFO *
Scott- N0AR
Craig- AA0ZZ
Jim - N0UR *
Pat - K0PC *

The Cockroaches - 1
Gary - KM5TY
Dave - N0IT
Rich - K7SZ
Tom - WA1VAI/3
Mike - KD5CMN

The Night Owls - 3
Thom - WI8W
Jim - KJ0C
Ed - N4XY *
Ronnie- KE4VPN
John - K7FD/K7LOW *

The Terminators - 4
Bill - NT1R
Thaire - W2APF
David - K7EL
Bob - N7XY
Anthony- K8ZT *

.please let me know of any corrections I need to apply...thank
you...72 - Bruce(VE5RC+VE5QRP)

Date: Sat, 4 Nov 2000 13:30:03 -0800
From: "Dave Benson" <nn1g@earthlink.net>
To: <n7rr@hotmail.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [83152] Re: Plastic enclosure for PSK-80?
Message-ID: <003701c046a6\$661f0bc0\$d420fc9e@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Bruce-

No problem at all- go for it!

73- Dave, NN1G

-----Original Message-----

>From: Bruce Prior <n7rr@hotmail.com>
>To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
>Subject: Plastic enclosure for PSK-80?

>Gang --

>

>I found a cheap 6x4x2" ABS plastic project enclosure at RadioShack
>(270-1806). It has an optional metal base. Am I likely to run into
>problems by installing the PSK-80 in such an unshielded enclosure? Thanks
>for your advice.

Date: Sat, 4 Nov 2000 13:54:48 -0500
From: n4qa@juno.com
To: qrp-1@Lehigh.EDU

Subject: [83153] Re: Meissner Signal Shifter transmitting PSK31 ?
Message-ID: <20001104.135449.-119175.0.n4qa@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Me again, gang.
It's halftime in Miami and my Hokies ain't doin' too good.

Just for the record...

A Meissner Signal Shifter will put out the prettiest CW note you have ever heard...
provided that you use crystal control, as I stated in the original post.
Furthermore, I let the oscillator run free, keying only the 807 final amp stage.
I would be ecstatic to give an on-air demonstration :)

Secondly, I must admit that I have no clue as to how a phase-modulator works in Texas but up here in Virginia... the phase-modulator cares not whether the modulating wave emanates from a microphone or from a PC soundcard... so long, that is, as all stage gains are properly adjusted.

< VERY IMPORTANT POINT !

Additionally, the modulating wave knows not whether it will drive a "phase-modulator" as in the case of the MSS, or a "balanced modulator" (eventually) as in the case of the off-the-shelf SSB rig.

If I can't make this scheme work, I'll be the first to admit it :)

73-1,

Bill, N4QA

ps

GO HOKIES... PLEASE!!!!???

YOU'RE PAYING TOO MUCH FOR THE INTERNET!

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Try it today - there's no risk! For your FREE software, visit:

<http://dl.www.juno.com/get/tagj>.

Date: Sat, 4 Nov 2000 15:10:51 -0600

From: "James Parsons" <res075cz@gte.net>

To: <qrp-1@lehigh.edu>

Subject: [83154] 30M QRP Freq.

Message-ID: <010701c046a3\$b697f740\$7c640304@dsl.vz.genuity.com>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

What is the QRP frequency for 30 Meters? It used to be 10106, but I have heard it has changed.

James (Jim) Parsons, K5ROV USAF, Ret. Ham for 58 yrs.
k5rov@arrl.net QCWA, ARCI, Fists, ARRL, ARMS
EX: W1RLA, K5FBB, K4FEO, SVOWN (CRETE), SVOWN (RHODES),
DL4NC, DL4JP, KA2FC (JAPAN), KA2JP (JAPAN).
JOHN 3:16

Date: Sat, 04 Nov 2000 14:16:04 -0700
From: Doug <doug@ycsi.net>
To: res075cz@gte.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [83155] Re: 30M QRP Freq.
Message-ID: <3A047C94.35B96BD6@ycsi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jim

I spend most of my time on 10115 for QRP. Lots of good ops there and seems like most of the day time, I can pick up a QS0.

72/72

Doug, K7YD
MT

James Parsons wrote:

> What is the QRP frequency for 30 Meters? It used to be 10106, but I have
> heard it has changed.
>
> James (Jim) Parsons, K5ROV USAF, Ret. Ham for 58 yrs.
> k5rov@arrl.net QCWA, ARCI, Fists, ARRL, ARMS
> EX: W1RLA, K5FBB, K4FEO, SVOWN (CRETE), SVOWN (RHODES),
> DL4NC, DL4JP, KA2FC (JAPAN), KA2JP (JAPAN).
> JOHN 3:16

Date: Sat, 4 Nov 2000 13:18:33 -0800
From: "Coote, Jay" <JCoote@ci.arcadia.ca.us>
To: "'res075cz@gte.net'" <res075cz@gte.net>, Low Power Amateur Radio Discussion
<qrp-1@Lehigh.EDU>
Subject: [83156] RE: 30M QRP Freq.
Message-ID: <131CE266CAD0D211B3550008C7C9A2D51CBE4D@arcadia-pd1.arcadiapd.com>
MIME-Version: 1.0
Content-Type: text/plain

I've heard 10.106, then 10.110 and 10.116.....Which is it?
It would be nice to have a 30M freq, like 14.060 or 7.040 where QRPists
are likely to be found.

Jay
W6CJ

-----Original Message-----
From: James Parsons [mailto:res075cz@gte.net]
Sent: Saturday, November 04, 2000 1:11 PM
To: Low Power Amateur Radio Discussion
Subject: 30M QRP Freq.

What is the QRP frequency for 30 Meters? It used to be 10106, but I have
heard it has changed.

James (Jim) Parsons, K5ROV USAF, Ret. Ham for 58 yrs.
k5rov@arrl.net QCWA, ARCI, Fists, ARRL, ARMS
EX: W1RLA, K5FBB, K4FEO, SV0WN (CRETE), SV0WN (RHODES),
DL4NC, DL4JP, KA2FC (JAPAN), KA2JP (JAPAN).
JOHN 3:16

Date: Sat, 4 Nov 2000 15:24:58 -0600
From: "James Parsons" <res075cz@gte.net>
To: <res075cz@gte.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [83157] Re: 30M QRP Freq.
Message-ID: <012101c046a5\$aeed2860\$7c640304@dsl.vz.genuity.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Wow, I got a lot of responses but nobody seems sure of any one frequency. For a CW band only, we sure need a frequency like 14060 that we can depend on. Anyway, thanks for the responses. 73 to all and see you on CW.

Jim, K5ROV

----- Original Message -----

From: "James Parsons" <res075cz@gte.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Saturday, November 04, 2000 3:10 PM

Subject: 30M QRP Freq.

> What is the QRP frequency for 30 Meters? It used to be 10106, but I have
> heard it has changed.

>

> James (Jim) Parsons, K5ROV USAF, Ret. Ham for 58 yrs.

> k5rov@arrl.net QCWA, ARCI, Fists, ARRL, ARMS

> EX: W1RLA, K5FBB, K4FEO, SV0WN (CRETE), SV0WN (RHODES),

> DL4NC, DL4JP, KA2FC (JAPAN), KA2JP (JAPAN).

> JOHN 3:16

>

>

>

Date: Sat, 04 Nov 2000 17:01:04 EST

From: Dean W Manley <kh6b@juno.com>

To: dodgeboy@mindspring.com

Cc: qrp-1@lehigh.edu, kh6b@juno.com

Subject: [83158] Re: crystal radio help

Message-ID: <20001104.120124.5399.0.kh6b@juno.com>

Hi Dave,

The MRL Number 2 Long Distance Crystal Set from
Modern Radio Labs, PO Box 14902, Minneapolis,
MN 55414-0902 is highly recommended for serious
or fun listening. I suggest requesting their catalog.

My MRL-2 set, with about 100-feet wire up 20 feet
has heard *ALL* AM broadcast stations in Hawaii
plus two from California. Also it's a good performer
on SW: logging stations on *all* continents.

IMHO, the best crystal set circuit is in the MRL
Number 2 kit.

The usual disclaimer. Just a happy camper. . .

Aloha,

Dean KH6B
Hilo Hawaii

PS: Dave, are you near Crystal Falls MI?
I was W8FGB at Gladstone MI, late 60s and
early 70s.

On Sat, 4 Nov 2000 11:18:25 -0500 "Dave Benham" <dodgeboy@mindspring.com>
writes:

>I have a friend who is looking for a real, old-fashioned type crystal
>radio like a lot of us had when we were little. He wants one with a
galena
>and cat's whisker detector . . .
>Thanks.
>72/73,
>Dave K8TRF

Date: Sat, 4 Nov 2000 17:13:36 -0500
From: "KC1FB" <kc1fb@optonline.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [83159] Re: crystal radio help
Message-ID: <005201c046ac\$7a53b7c0\$1600a8c0@tp760e>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

George and Jim,

I still have my Philmore. The case is cracked and the coil is nearly worn
through, but it still works, and I can still find that one sweet spot on the
crystal. It was on this radio with an added one tube battery powered AF amp
that I heard our local HAM's talking on 80 meters. One of them mentioned he
owned a shop in town and I went over and introduced myself...the rest is
history.

Jim Francoeur KC1FB QRP-L #29
Member of The New England Hunt Club
Norwalk, CT

-----Original Message-----

From: George, W5YR <w5yr@att.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Saturday, November 04, 2000 1:05 PM
Subject: Re: crystal radio help

Jim, does that bring back memories!

I had a little reddish-colored Philmore just like you described with a pair of Acme headphones. My Dad put up a wire antenna for me and with luck I could always pull in the main two stations from Dallas about 65 air miles away. I was 9 at the time and totally amazed that such a thing would actually work without any "electricity."

My experiments were confined to the electrical side, so I stayed out of the kitchen.

72/73, George W5YR - the Yellow Rose of Texas NETXQRP 6
Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

James Parsons wrote:

>

> George, it was an old Philmore crystal set that got me started in radio back

> in 1938. I was 12 years old. Philmore used to advertise in the back of funny

> books in a Johnson & Johnson (I think) ad.

Date: Sat, 4 Nov 2000 16:27:16 -0500
From: "Mike Duke" <k5xu@concentric.net>
To: "qrp" <qrp-l@lehigh.edu>
Subject: [83160] SS
Message-ID: <000901c046a6\$1f78cda0\$22320140@k5xu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

With my random wire and indoor counterpoise, I have 10 qsos in 8 minutes on ten meters using the old search and pounce technique.

does AA still mean qrp? Most contacts didn't know what it was.

Date: Sat, 4 Nov 2000 11:35:59 -0800
From: "John Moriarity" <k6qq@hdo.net>
To: <n4qa@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [83161] Re: Meissner Signal Shifter transmitting PSK31 ?
Message-ID: <000301c046b1\$9edb45e0\$fe414cd1@johnmori>

> Well, I think I have found my first PSK31 transmitter... and it comes
from
> the Nineteen-Forties !

Better leave it powered up all the time. It wasn't called
a Miserable Signal Drifter for nothing ;-)

I used one for several years in the late '50s (and was happy
with it).

73,

John, K6QQ

Date: Sat, 4 Nov 2000 23:19:54 -0800
From: "K7FD-N7SG" <cqdx@teleport.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: <elecraft@qth.net>
Subject: [83162] SS Break: Japanese Cuisine
Message-ID: <001701c046f8\$cd0a1e40\$81231ad8@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

First two hours w/ K2 on ten meters netted 75 Q's non-S&P. Time for a break
w/ xyl es kids to the local Sushi bar...cu in a couple of hours.

John K7FD, op at K7Low

PS. Did I mention I was a low-key SS Bull?

Date: Sat, 4 Nov 2000 17:35:14 -0600
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>,
<dodgeboy@mindspring.com>
Subject: [83163] Re: crystal radio help
Message-ID: <005d01c046b7\$e5553520\$0400a8c0@bergenbrunswick.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Try Antique Electronic Supply. I have a catalog from them and in addition to a good source of supplies for old radios (nothing to do with xtal sets), there are books dedicated just to crystal radios. There are also two full pages of crystal sets and parts. This includes real, mounted galena crystals, cat whisker assemblies, coil forms, and yeah! high Z head sets.

Go to www.tubesandmore.com and get the catalog. Well worth it! Talk about books on glassware! I could break my budget easily just on the books.

When I was a kid, "oh no, here he goes again," I built a lot of xtal sets. Some of them were kind of in the portable class. Built into the old wooden match boxes (the matches were wood, not the boxes, for the information of you kids) and using telescoping whips like car antennas. Well they turned out not to be so portable. They needed a good ground to operate. So they were portable as far as the ground wire to a water pipe would reach. A toilet paper roll makes a good coil form too.

Never could get them to tune well. Some of the biggie AM BC stations must have been not too far away. Truth is, the audio sound was great for these simple receivers.

Anyone familiar with the so-called "fox hole" radios? These, instead of using a crystal, used a steel razor blade, and a safety pin with a pencil lead attached, to make contact with the razor blade. Supposedly used in WWII by the troops. I built a couple of these as well.

Dan W. Dooley WB5TKA Bedford, Texas EM12ku
e-mail to: dandooley@pipeline.com
SOC #198, FPQRP # -104
May Goddes love blest ye alle
"Ancient Pistol, I do partly understand your meaning."

----- Original Message -----

From: "Dave Benham" <dodgeboy@mindspring.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Saturday, November 04, 2000 10:18 AM

Subject: crystal radio help

> This may be off topic... but it's pretty low power, too. ;^)
>
> I have a friend who is looking for a real, old-fashioned type crystal
radio
> like a lot of us had when we were little. He wants one with a galena and
> cat's whisker detector (I think I'm correct on that) not the more modern
> ones with solid state germanium diodes. This is to interest his son in
> radio. (it's probably really for him and he won't admit it -- hi)
>
> Does anyone know where he might find one of these? It seems like I
remember
> hearing about a crystal radio society once. Any ideas? I told him to do
a
> web search, but I thought I'd ask this great list too.
>
> Thanks.
>
> 72/73,
> Dave K8TRF
>
>
>

Date: Sat, 4 Nov 2000 16:44:20 -0700 (MST)

From: "Karl F. Larsen" <k5di@zianet.com>

To: William Mabry <n4qa@juno.com>

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [83164] Re: Meissner Signal Shifter transmitting PSK31 ?

Message-ID: <Pine.LNX.4.10.10011041642520.791-100000@cannac.ampr.org>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Don't use that thing at full power Bill. I think the one I had put out 15
or 20 watts.

On Sat, 4 Nov 2000, William Mabry wrote:

> Hi, gang.
> While writing up a review on the Meissner Signal Shifter, model EX, (circa
> 1940's and ALL tube-type), over at eHam.net (QRP radios review section), it
> hit me like a ton of bricks.

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sat, 4 Nov 2000 15:46:52 -0800
From: "Andreas Junge" <andreas@opengrid.com>
To: <res075cz@gte.net>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [83165] RE: 30M QRP Freq.
Message-ID: <NDBBKLBBLCGOKEGAAMIMEDNDMAA.andreas@opengrid.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Doug,

I think 10.106 is the official QRP calling frequency. Then came the
38Special from Norcal. It used cheap 10.116 crystals. Since there were a
couple of hundred 38S out there, there you go. Most traffic was found on
10.116 ...

Andreas, N6NU

> -----Original Message-----
> From: James Parsons [mailto:res075cz@gte.net]
> Sent: Saturday, November 04, 2000 1:11 PM
> To: Low Power Amateur Radio Discussion
> Subject: 30M QRP Freq.
>
>
> What is the QRP frequency for 30 Meters? It used to be 10106, but I have
> heard it has changed.
>
> James (Jim) Parsons, K5ROV USAF, Ret. Ham for 58 yrs.
> k5rov@arrl.net QCWA, ARCI, Fists, ARRL, ARMS
> EX: W1RLA, K5FBB, K4FEO, SVOWN (CRETE), SVOWN (RHODES),
> DL4NC, DL4JP, KA2FC (JAPAN), KA2JP (JAPAN).
> JOHN 3:16
>

Date: Sat, 04 Nov 2000 18:47:58 -0500
From: Clay N4AOX <wyn@worldnet.att.net>
To: w7ox@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [83166] Re: ZM-2 problem
Message-ID: <3A04A02E.9F7F7202@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Phil, et.al.,

I ordered a momentary DPDT switch just to prevent that from happening here, as I knew it would otherwise. It is somewhat cumbersome to hold it over in "Tune" while twirling the knobs, but it is one less "senior moment" to worry about.

72/73,
Clay N4AOX

Phil Wheeler wrote:

>
> "Arthur G. Silvers" wrote:
> >
> > Once you get the hang of it, you can practically do it with you eyes
> > closed. ;~} Don't forget to switch back to "operate" after you are done
> > tuining. I did the Zombie Schuffle the other night in tune mode.
> > Couldn't understand the weak signal reports.
> >
>
> Oh yeah .. I know it well! Been there, done that.
>
> Phil W7OX

End of QRP-L Digest 1996

